Title (en)

Process for producing crystalline vinyl aromatic polymers having a predominantly syndiotactic structure.

Title (de)

Verfahren zur Herstellung von kristallinischen vinylaromatischen Polymeren mit hauptsächlich syndiotaktischer Struktur.

Title (fr)

Procédé de préparation de polymères cristallins vinyl-aromatiques de structure principalement syndiotactique.

Publication

EP 0271875 A2 19880622 (EN)

Application

EP 87118573 A 19871215

Priority

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- IT 4100786 A 19861215

Abstract (en)

A process for the production of predominantly syndiotactic vinyl aromatic polymers by polymerizing or copolymerizing vinyl aromatic monomers such as styrene or styrene derivatives in the presence of a catalyst system comprising the product of the reaction between: a) a compound of transition metal (M) containing at least one M-O, M-C, M-N, M-P, M-S or M-halogen bond, and b) an organoaluminium compound containing at least one oxygen atom bound to the aluminium atom or located between two aluminium atoms. Compounds a) and b) can be used as such or supported on a carrier.

IPC 1-7

C08F 12/00; C08F 4/60

IPC 8 full level

C08F 12/08 (2006.01); **C08F 4/60** (2006.01); **C08F 4/64** (2006.01); **C08F 4/642** (2006.01); **C08F 4/6592** (2006.01); **C08F 12/00** (2006.01); **C08F 12/04** (2006.01)

CPC (source: EP KR US)

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